

**Dinotefuran**      Note this is not a refresh.

As documentation for Dinotefuran EFED chemicals for Literature Search, CSC is scheduled to deliver the listing of bibliographic files on June 1, 2015.

Initial chemical search on requested chemical and CAS# (n=1) **CSC will be adding the following chemical to be included for June 1, 2015 search. See attachment for structures.**

153719-23-4      Dinotefuran

**Note that Three (n=3) Additional related chemicals with Known CAS# were identified by CSC Staff and CSC proposes to include the following chemicals with Known CAS#. Please advise CSC on whether or not to include the additional related chemicals with Known CAS# found in our search for Dinotefuran. See Attachment for structures.**

Additional related chemicals/degradate identified by CSC staff (n=3) **Does EFED want the following chemicals with Known CAS# to be included with Dinotefuran? See attachment for structures.**

4245-76-5      1-Methyl-2-nitroguanidine

457614-32-3      1-Methyl-3-(tetrahydro-3-furylmethyl)guanidine – **major degradate in aerobic and anerobic metabolism study**

457614345      1-Methyl-3-(tetrahydro-3-furylmethyl)urea

**Note that the following chemical was also identified as a Breakdown product by CSC staff and CSC was unable to verify a CAS number. CSC will not be including the following chemical with unknown CAS# with the report at this time.**

Unknown      1-Methyl-3-(tetrahydro-3-furylmethyl)guanidinium dihydrogen phosphate

The only major transformation product was 1-methyl-3-(tetrahydro-3-furylmethyl)guanidinium dihydrogen phosphate (DN phosphate).

. Two minor transformation products were identified. 1-Methyl-3-tetrahydro-3-furylmethyl)urea (UF)